



N732MA

ENG. CFM56-7B-26 SN 863823

ENG # 2

miami
INTERNATIONAL



**Engine Lease
Time/Cycles Maintenance Record**

Engine Model/Series CFM56-7B26 Engine Serial Number 863823
Name of Customer Miami Air International Inc.
Name of Operator Miami Air International Inc.

Date Engine Installed 04/26/2019

Engine TSN/CSN at Installation Hours 6,543 Cycles 6303

A/C Hours/Cycles at Engine Installation Hours 38,917:30 Cycles 15602

A/C Tail Number N732MA Engine Position # 2

Hours/ Cycles used during the month of: May 2019

Hours: 11:27 Cycles 08 Thrust Rating 26

Total Engine Hours 6,554:27 Total Engine Cycles 6,311

Date Engine Removed: _____

Engine TSN/CSN at Removal Hours _____ Cycles _____

A/C Hours/Cycles at Engine Removal Hours _____ Cycles _____

I certify that the above information is true and correct.

Signature: *Paul Steinberg*

Title: Records Analyst

Date: 05/21/2019



Engine Disk Report

Print Date: 5/29/2019

Page: 1 of 2

PART NUMBER: CFM56-7B26E

SERIAL NUMBER: 863823

INSTALLED ON A/C: N732MA

DATE INSTALLED: 4/26/2019

POS: ENG 2

DATE REMOVED:

HOURS AT INSTALLATION: 0:00

CYCLES AT INSTALLATION: 0

HOURS ON WING: 6:40

CYCLES ON WING: 6

ENGINE TOTAL HOURS: 0:00

ENGINE TOTAL CYCLES: 0

Position	Pn Description	Part Number	Serial Number	Limit Hours	Limit Cycles	Actual Hours	Actual Cycles	Remain Hours	Remain Cycles
NHA PN: CFM56-7B26E NHA SN: 863823									
	FAN DISK	340-000-420-0	PC344513	0	30000	6 : 40	6309	0 : 00	23691
	LPT CASE	340-305-003-0	DK186556	0	0	6 : 40	6309	0 : 00	0
	HPC SHAFT	1386M56P03	GWN105T5	0	20000	6 : 40	6309	0 : 00	13691
	HPC ROTOR SPOOL ASSY STAGE 4 2048M20G04	GWN10775		0	20000	6 : 40	6309	0 : 00	13691
	HPT DISK	2410M49P02	GWN105EG	0	20000	6 : 40	6309	0 : 00	13691
	LPT STAGE 4 DISK	340-301-301-0	DN305249	0	25000	6 : 40	6309	0 : 00	18691
	HPT REAR SHAFT	1864M90P04	TMTD2648	0	20000	6 : 40	6309	0 : 00	13691
	HPC - CDP ROTATING REAR AIR SE 2116M25P01	GFF5J83W		0	20000	6 : 40	6309	0 : 00	13691
	HPT FRONT AIRSEAL	2410M50P02	XAEFR805	0	20000	6 : 40	6309	0 : 00	13691
	LPT ROTOR SUPPORT	340-301-702-0	DN309486	0	25000	6 : 40	6309	0 : 00	18691
	FAN SHAFT	335-006-414-0	DK200789	0	30000	6 : 40	6309	0 : 00	23691
	LPT TURBINE SHAFT	340-074-723-0	PC330757	0	25000	6 : 40	6309	0 : 00	18691
	FAN SPOOL BOOSTER STAGE	340-000-816-0	DN869933	0	23600	6 : 40	6309	0 : 00	17291
	LPT REAR FRAME	340-166-211-0	PC379763	0	25000	6 : 40	6309	0 : 00	18691
	HPC STAGE 3 DISC	2116M23P01	XAEGD968	0	20000	6 : 40	6309	0 : 00	13691
	HPC ROTOR SPOOL STAGE 1 & 2	1558M31G07	GWN101CR	0	20000	6 : 40	6309	0 : 00	13691
	LPT STAGE 2 DISK	340-301-101-0	PC323271	0	25000	6 : 40	6309	0 : 00	18691



Engine Disk Report

Print Date: 5/29/2019

Page: 2 of 2

PART NUMBER: CFM56-7B26E
SERIAL NUMBER: 863823

INSTALLED ON A/C: N732MA
DATE INSTALLED: 4/26/2019

POS: ENG 2

DATE REMOVED:

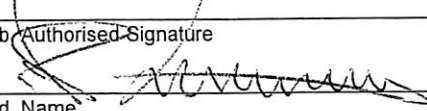
HOURS AT INSTALLATION: 0:00
CYCLES AT INSTALLATION: 0

HOURS ON WING: 6:40
CYCLES ON WING: 6

ENGINE TOTAL HOURS: 0:00
ENGINE TOTAL CYCLES: 0

Position	Pn Description	Part Number	Serial Number	Limit Hours	Limit Cycles	Actual Hours	Actual Cycles	Remain Hours	Remain Cycles
NHA PN: CFM56-7B26E NHA SN: 863823									
	LPT STAGE 3 DISK	340-301-201-0	PC179198	0	25000	6 : 40	6309	0 : 00	18691
	LPT STAGE 1 DISK	340-301-001-0	PC359667	0	25000	6 : 40	6309	0 : 00	18691
	HPT FORWARD SHAFT	2048M21P03	XAEGA721	0	20000	6 : 40	6309	0 : 00	13691

2

Approving Competent Authority / Country LBA / Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1				3. Form Tracking Number LHTBRU/28JAN2019/00 2	
4. Organisation Name and Address:  Lufthansa Technik Lufthansa Technik AG Weg beim Jäger 193 22335 Hamburg Germany						5. Work Order/Contract/Invoice LHTELF863823190117 P.O. #54368	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.		11. Status / Work	
1	Engine	CFM56-7B26E	1ea	863823		INSPECTED / TESTED	
12. Remarks							
ATA 1. Work performed by LHT-BRU, a Lufthansa Technik Group Company, i.a.w. Bill of Work LHT/LTE/863823/190117 TSN: 6,543 CSN: 6,303 TP MK-No. Pack Code Resp. Workshop Workshop Station 							
Return to Service in Accordance with 14 CFR part 43 The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work the items are approved for return to service under FAA Certificate No. DLAY225D TCCA Approval No.:							
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in a condition for safe operation ☐ non-approved design data specified in block 12 14a. ☒ Part-145.A.50 Release to Service ☐ Other Regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work, identified in block 11 and described in block 12, was accomplished in accordance with Part- 145 and in respect to that work the items are considered ready for release to service.							
13b. Authorised Signature		13c. Approval / Authorisation Number DE.21G.0047		14b. Authorised Signature 		14c. Certificate / Approval Ref. Number DE.145.0001	
13d. Name		13e. Date (dd mmm yyyy)		14d. Name Simon Penny		14e. Date (dd mmm yyyy) 28 JAN 2019	

**EASA FORM 1 - Issue 2
USER/INSTALLER RESPONSIBILITIES**

Note: This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different from the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

SAS

Scandinavian Airlines

Life Limited Parts

Engine Model: CFM56-7B20E
ESN: 863823

Mfr Date: 26-Jan-16

Engine TSN: 6,543

Current Position: LN-RCT / RH

Engine CSN: 6,303

Report revised on: 18-Dec-18

IIN	NOMENCLATURE	P/N	S/N	CSN	FC Operated			ESM Limits			FC Remaining		
					7B20	7B24	7B26	7B20	7B24	7B26	7B20	7B24	7B26
21X	FAN AND BOOSTER	340-035-314-0	AZ5356	6,303	2	6301	0						
213	Disk - Fan Assembly	340-000-420-0	PC344513	6,303	2	6301	0	30,000	30,000	30,000	23,697	23,697	23,697
211	Booster Spool	340-000-816-0	DN869933	6,303	2	6301	0	22,900	22,900	22,900	16,597	16,597	16,597
22X	N°1 & N°2 BEARING SUPPORT	340-035-405-0	DZ3515	6,303	2	6301	0						
221	Fan Shaft	335-006-414-0	DK200789	6,303	2	6301	0	30,000	30,000	30,000	23,697	23,697	23,697
31X	HPC ROTOR MODULE	9324M68G05	HPCEU4391	6,303	2	6301	0						
312	HPC Fwd Shaft	1386M56P03	GWN105T5	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
313	HPC Spool Stg 1 - 2	1558M31G07	GWN101CR	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
314	HPC Disk - Stg 3	2116M23P01	XAEGD968	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
315	HPC Spool Stg 4 - 9	2048M20G04	GWN10775	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
316	HPC CDP Seal	2116M25P01	GFF5J83W	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
52X	HPT ROTOR MODULE	9324M61G08	HPTXU4312	6,303	2	6301	0						
521	HPT Front Shaft	2048M21P03	XAEGA721	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
522	HPT Front Airseal	2410M50P02	XAEFR805	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
525	HPT Disk	2410M49P02	GWN105EG	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
526	HPT Rear Shaft	1864M90P04	TMTD2648	6,303	2	6301	0	20,000	20,000	20,000	13,697	13,697	13,697
54X	LPT TURBINE ASSY	338-092-319-0	MQ9367	6,303	2	6301	0						
541	LPT Case	340-305-003-0	DK186556	6,303	2	6301	0	N/A	N/A	N/A	N/A	N/A	N/A
542	LPT Stg 1 Disk	340-301-001-0	PC359667	6,303	2	6301	0	25,000	25,000	25,000	18,697	18,697	18,697
543	LPT Stg 2 Disk	340-301-101-0	PC323271	6,303	2	6301	0	25,000	25,000	25,000	18,697	18,697	18,697
544	LPT Stg 3 Disk	340-301-201-0	PC179198	6,303	2	6301	0	25,000	25,000	25,000	18,697	18,697	18,697
545	LPT Stg 4 Disk	340-301-301-0	DN305249	6,303	2	6301	0	25,000	25,000	25,000	18,697	18,697	18,697
546	LPT Rotor Support	340-301-702-0	DN309486	6,303	2	6301	0	25,000	25,000	25,000	18,697	18,697	18,697
55X	LPT SHAFT MODULE	340-035-805-0	SZ5325	6,303	2	6301	0						
551	LPT Shaft	340-074-723-0	PC330757	6,303	2	6301	0	25,000	25,000	25,000	18,697	18,697	18,697
56X	LPT FRAME MODULE	340-035-908-0	NZ5040	6,303	2	6301	0						
561	LPT Rear Frame	340-166-211-0	PC379763	6,303	2	6301	0	N/A	N/A	N/A	N/A	N/A	N/A


Anders Hedkvist

Senior Project Manager

Scandinavian Airlines System

Airline Operations



P/N Detail Print

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AC: N732MA Position: ENG 1

■ P/N: CFM56-7B26E		P/N S/N: 863823		ENGINE		Batch: 662353								
				SCHEDULE		ACTUAL		REMAINING		STATUS				
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	Reset Date	Hours	Cycles	Days		
■ P/N: 1386M56P03		P/N S/N: GWN105T5		HPC SHAFT		Batch: 662806								
				SCHEDULE		ACTUAL		REMAINING		STATUS				
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days			
CSN			20000				6309			13691				
CSO						6:40	6	32	0:00	0	0			
■ P/N: 1558M31G07		P/N S/N: GWN101CR		HPC ROTOR SPOOL STAGE 1 & 2		Batch: 662807								
				SCHEDULE		ACTUAL		REMAINING		STATUS				
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days			
CSN			20000				6309			13691				
CSO						6:40	6	32	0:00	0	0			
■ P/N: 1864M90P04		P/N S/N: TMTD2648		HPT REAR SHAFT		Batch: 662808								
				SCHEDULE		ACTUAL		REMAINING		STATUS				
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days			
CSN			20000				6309			13691				
CSO						6:40	6	32	0:00	0	0			
■ P/N: 2048M20G04		P/N S/N: GWN10775		HPC ROTOR SPOOL ASSY STAGE 4-9		Batch: 662809								
				SCHEDULE		ACTUAL		REMAINING		STATUS				
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days			
CSN			20000				6309			13691				
CSO						6:40	6	32	0:00	0	0			



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■ P/N: 2048M21P03

P/N S/N: XAEGA721

HPT FORWARD SHAFT

Batch: 662810

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			20000				6309			13691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 2116M23P01

P/N S/N: XAEGD968

HPC STAGE 3 DISC

Batch: 662811

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			20000				6309			13691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 2116M25P01

P/N S/N: GFF5J83W

HPC - CDP ROTATING REAR AIR SEAL

Batch: 662826

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			20000				6309			13691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 2410M49P02

P/N S/N: GWN105EG

HPT DISK

Batch: 662812

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			20000				6309			13691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 2410M50P02

P/N S/N: XAEFR805

HPT FRONT AIRSEAL

Batch: 662813

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			20000				6309			13691		
CSO						6:40	6	32	0:00	0	0	



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■ P/N: 335-006-414-0

P/N S/N: DK200789

FAN SHAFT

Batch: 662814

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			30000				6309			23691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 340-000-420-0

P/N S/N: PC344513

FAN DISK

Batch: 662825

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			30000				6309			23691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 340-000-816-0

P/N S/N: DN869933

FAN SPOOL BOOSTER STAGE

Batch: 662815

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			22900				6309			16591		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 340-074-723-0

P/N S/N: PC330757

LPT TURBINE SHAFT

Batch: 662816

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN			25000				6309			18691		
CSO						6:40	6	32	0:00	0	0	

■ P/N: 340-166-211-0

P/N S/N: PC379763

LPT REAR FRAME

Batch: 662824

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
CSN							6309			0		
CSO						6:40	6	32	0:00	0	0	



P/N Detail Print

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■ P/N: 340-301-001-0

P/N S/N: PC359667

Control Items
CSN

CSO

Description

LPT STAGE 1 DISK

Batch: 662817

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	25000				6309			18691		
				6:40	6	32	0:00	0	0	

■ P/N: 340-301-101-0

P/N S/N: PC323271

Control Items
CSN

CSO

Description

LPT STAGE 2 DISK

Batch: 662818

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	25000				6309			18691		
				6:40	6	32	0:00	0	0	

■ P/N: 340-301-201-0

P/N S/N: PC179198

Control Items
CSN

CSO

Description

LPT STAGE 3 DISK

Batch: 662819

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	25000				6309			18691		
				6:40	6	32	0:00	0	0	

■ P/N: 340-301-301-0

P/N S/N: DN305249

Control Items
CSN

CSO

Description

LPT STAGE 4 DISK

Batch: 662820

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	25000				6309			18691		
				6:40	6	32	0:00	0	0	

■ P/N: 340-301-702-0

P/N S/N: DN309486

Control Items
CSN

CSO

Description

LPT ROTOR SUPPORT

Batch: 662821

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	25000				6309			18691		
				6:40	6	32	0:00	0	0	

■ P/N: 340-305-003-0

P/N S/N: DK186556

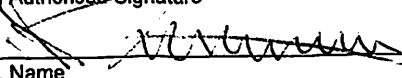
Control Items
CSN

Description

LPT CASE

Batch: 662822

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
					6309			0		

1. Approving Competent Authority / Country LBA / Germany		2.				3. Form Tracking Number LHTBRU/28JAN2019/00 2		
Organisation Name and Address:		 Lufthansa Technik				Lufthansa Technik AG Weg beim Jäger 193 22335 Hamburg Germany		5. Work Order/Contract/Invoice LHTELF863823190117
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.		11. Status / Work		
1	Engine	CFM56-7B26E	1ea	863823		INSPECTED / TESTED		
12. Remarks								
1. Work performed by LHT-BRU, a Lufthansa Technik Group Company, i.a.w. Bill of Work LHT/LTE/863823/190117								
TSN: 6,543 CSN: 6,303								
Return to Service in Accordance with 14 CFR part 43 The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work the items are approved for return to service under								
FAA Certificate No. DLAY225D								
TCCA Approval No.:								
☒ Further details of work performed are attached either in a Workshop Report reference number see blocks 3 and 5 or in other applicable documents								
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in a condition for safe operation ☐ non-approved design data specified in block 12				14a. ☒ Part-145.A.50 Release to Service Certifies that unless otherwise specified in block 12, the work, identified in block 11 and described in block 12, was accomplished in accordance with Part- 145 and in respect to that work the items are considered ready for release to service.				
13b. Authorised Signature		13c. Approval / Authorisation Number DE.21G.0047		14b. Authorised Signature 		14c. Certificate / Approval Ref. Number DE.145.0001		
13d. Name		13e. Date (dd mmm yyyy)		14d. Name Simon Penny		14e. Date (dd mmm yyyy) 28 JAN 2019		

EASA FORM 1 - Issue 2
USER/INSTALLER RESPONSIBILITIES

Note: This certificate does not automatically constitute authority to install the item(s).
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